

In the claims:

1. (previously presented) Apparatus for adjusting transmission power of a first fixed location device capable of communicating with a plurality of mobile devices associated with the first fixed location device in a wireless communications environment via a radio frequency channel of which a first mobile device is the furthest mobile device from the first fixed location device, comprising:

logic for detecting that a second fixed location device is also using the radio frequency channel as the first fixed location device, and that the second fixed location device is nearer to the first fixed location device than any other fixed location device operating on the radio frequency;
logic for ascertaining whether the second fixed location device is nearer to the first fixed location device than the first mobile device; and
logic for adjusting transmit power such that:

if the second fixed location device is nearer to the first fixed location device than the first mobile device, transmit power is set based on distance to the first mobile device; and

if the second fixed location device is not nearer to the first fixed location device than the first mobile device, transmit power is set based on distance to the second fixed location device.

2. (previously presented) The apparatus of claim 1 wherein the logic for adjusting transmit power does so in response to a message received from the second fixed location device, the message indicating power level backoff of the second fixed location device.

3. (cancelled)

4. (cancelled)

5. (cancelled)